IN THE SPECIFICATION

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A forceps used for the surgical reduction of fractured facial bones

CROSS REFERENCE TO RELATED APPLICATIONS

(Not Applicable)

STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT

(Not Applicable)

INCORPORATION-BY-REFERENCE OF MATERIAL SUBMITTED ON A COMPACT DISC

(Not Applicable)

REFERENCE TO A MICROFICHE APPENDIX SPECIFYING THE TOTAL NUMBER OF MICROFICHE AND TOTAL NUMBER OF FRAMES

(Not Applicable)

BACKGROUND OF THE INVENTION

1. Field of the Invention

The present patent application relates to a forceps used for the surgical reduction of fractured facial bones.

2. Description of Related Art

Osteosynthesis systems are frequently used in maxillo-facial traumatology and orthopaedic surgery of maxillary bones, since they guarantee the perfect stability of stumps or fractured bone fragments. In particular, the use of metal plates to be fixed to stumps or fractured bone fragments with surgical screws is very diffused.

IN THE SPECIFICATION

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As mentioned earlier, the execution of this technology on patients is an extremely long operation, and it takes approximately 30/60 minutes: firstly, the splints must be installed and then removed from the patient's mouth, after fixing the metal plates to the bone segments.

BRIEF SUMMARY OF THE INVENTION

The purpose of the present invention is to develop an alternative technology to the use of traditional metal splints. In this perspective the ~~artefact~~ artifact according to the present invention has been developed, which is capable of ensuring the same reduction-containment as the splints, while allowing for simpler and faster installation.

More precisely, the new ~~artefact~~ artifact consists in an elastic forceps with simple structure made of suitable shaped metal rod.

Apart from easy assembling, the new forceps provides good visibility of the surgical field and ensures the ergonomics of the surgical intervention.

Another advantage of the ~~artefact~~ artifact according to the present invention is represented by indefinite duration, since it can be repeatedly used, after sterilisation in autoclave.

BRIEF DESCRIPTION OF SEVERAL VIEWS OF THE DRAWINGS

For major clarity the description of the present invention continues with reference to the enclosed drawing, which is intended for purposes of illustration and not in a limiting sense, whereby:

- fig. 1 is a side view of the forceps according to the present invention;

- fig. 2 is a top view of figure 1;

- fig. 3 is an axonometric representation of the application of two forceps on a human skull.

DETAILED DESCRIPTION OF THE INVENTION

The forceps (1) according to the present invention comprises shaped branches (2) diverging from opposite sides starting from a central elastic loop (3).